



I. Description

The work shall consist of installing flow diversions for the purpose of erosion control when construction activities take place within the stream channel such as bank stabilization or bridge abutment construction.

II. Material Specifications

1. Sandbags: Sandbags shall consist of materials which are resistant to ultra-violet radiation, tearing and puncture and woven tightly enough to prevent leakage of fill material (i.e., sand, fine gravel, etc.)
2. Concrete Barrier: Typical Jersey Barrier or similar type of barrier.
3. Sheeting: Sheeting shall consist of polyethylene or other material which is impervious and resistant to puncture and tearing.

III. Construction Requirements

1. All erosion and sediment control devices shall be installed as the first order of work.
2. The diversion structure shall be installed from upstream to downstream.
3. All excavated materials shall be disposed of in a DPS approved disposal area outside the 100-year floodplain unless otherwise approved on the plans by DPS.
4. All dewatering of the construction area shall be pumped to a dewatering basin prior to re-entering the stream.
5. Sheeting shall be overlapped such that the upstream portion covers the downstream portion with at least an 18-inch overlap.
6. Sediment control devices are to remain in place until all disturbed areas are stabilized in accordance with an approved sediment and erosion control plan and the inspecting authority approves their removal.



MONTGOMERY COUNTY
DEPARTMENT OF PERMITTING
SERVICES
WATER RESOURCES

SAND BAG
DIVERSION DETAIL

DATE: 6/03

SCALE: NONE